

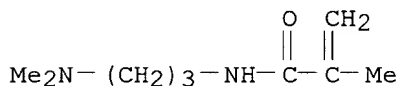
FILE 'REGISTRY' ENTERED AT 10:27:39 ON 25 SEP 2002

L1           E COPOLYMER 1163/CN  
          1 S E3  
          E COPOLYMER 1189/CN  
          E POLYMER 1163/CN  
          E POLYMER 1189/CN

FILE 'USPATFULL, CAPLUS' ENTERED AT 10:28:44 ON 25 SEP 2002

L2           6 S (COPOLYMER (3A) (1163 OR (DIMETHYLAMINOPROPYL (W) METHACRYLAM  
L3           43 S 132230-28-5/RN OR (((DIMETHYLAMINOPROPYL (W) METHACRYLAMIDE (  
L4           45 S L2 OR L3  
L5           42 S (STYLEZE (3A) (CC10 OR (CC (W) 10))) OR (VIVIPRINT (3A) 111)  
L6           74 S L4 OR L5  
L7           35379 S HYDROXYETHYLCELLULOSE OR (HYDROXYETHYL (3A) CELLULOSE) OR (HY  
L8           704346 S METHANOL OR ETHANOL OR PROPANOL OR ISOPROPANOL OR ((METHYL OR  
L9           21 S L6 AND L7 AND L8  
L10          21 S L9 AND (HAIR OR HAIRSPRAY OR MOUSSE OR SHAMPOO)

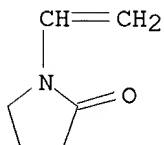
CRN 5205-93-6  
CMF C9 H18 N2 O



PVP/DMAIPA

CM 2

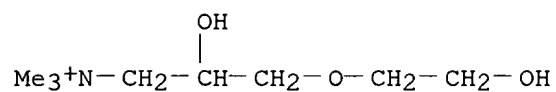
CRN 88-12-0  
CMF C6 H9 N O



35 REFERENCES IN FILE CA (1962 TO DATE)  
7 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
35 REFERENCES IN FILE CAPLUS (1962 TO DATE)

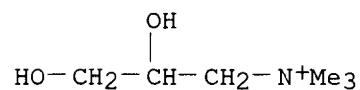
Cellulose HEC  
polyquat-4 d10

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
 RN 81859-24-7 REGISTRY  
 CN Cellulose, 2-hydroxyethyl 2-[2-hydroxy-3-(trimethylammonio)propoxy]ethyl  
 2-hydroxy-3-(trimethylammonio)propyl ether, chloride (9CI) (CA INDEX  
 NAME)  
 OTHER NAMES:  
 CN Catinal HC 100  
 CN Catinal HC 35  
 CN Catinal LC 100  
 CN Celquat SC 230M  
 CN Celquat SC 240C  
 CN JR 1  
 CN JR 125  
 CN JR 30M  
 CN JR 400  
 CN Leogard G  
 CN Leogard GP  
 CN Leogard LP  
 CN Leogard P  
 CN LR 300M  
 CN LR 400  
 CN Polymer JR 400  
 CN Polymer LR 30M  
 CN **Polyquaternium 10**  
 CN Quaternium 19  
 CN Ritaquat 3000  
 CN Ritaquat 400KG  
 CN Ucare JR 125  
 CN Ucare JR 400  
 CN UCARE Polymer JR  
 CN UCARE Polymer JR 125  
 CN UCARE Polymer JR 30  
 CN UCARE Polymer JR 30M  
 CN UCARE Polymer JR 400  
 CN UCARE Polymer JR 40M  
 CN UCARE Polymer KG 30M  
 CN UCARE Polymer LR  
 CN UCARE Polymer LR 30M  
 CN UCARE Polymer LR 400  
 CN UCARE Polymer SR 10  
 DR 163442-38-4, 53568-66-4, 125623-01-0, 56274-58-9, 55353-19-0, 55466-13-2,  
 55819-09-5, 138067-60-4, 86297-97-4, 82643-41-2, 88507-33-9, 200013-87-2,  
 209264-09-5, 214358-12-0  
 MF C8 H20 N O3 . x C6 H16 N O2 . x C2 H6 O2 . x Cl . x Unspecified  
 CI COM  
 PCT Manual registration  
 LC STN Files: BIOBUSINESS, BIOSIS, CA, CAPLUS, CEN, CHEMCATS, CHEMLIST,  
 CIN, IFICDB, IFIPAT, IFIUDB, IPA, MSDS-OHS, PROMT, RTECS\*, TOXCENTER,  
 USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
  
 CM 1  
  
 CRN 170553-71-6  
 CMF C8 H20 N O3 . x C6 H16 N O2 . x C2 H6 O2 . x Unspecified  
  
 CM 2  
  
 CRN 170344-46-4  
 CMF C8 H20 N O3



CM 3

CRN 44814-66-6  
CMF C6 H16 N O2



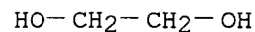
CM 4

CRN 9004-34-6  
CMF Unspecified  
CCI PMS, MAN

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

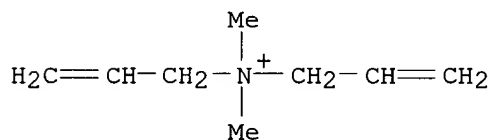
CM 5

CRN 107-21-1  
CMF C2 H6 O2



697 REFERENCES IN FILE CA (1962 TO DATE)  
5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
697 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
 RN 92183-41-0 REGISTRY  
 CN Cellulose, 2-hydroxyethyl ether, polymer with N,N-dimethyl-N-2-propenyl-2-propen-1-aminium chloride (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 2-Propen-1-aminium, N,N-dimethyl-N-2-propenyl-, chloride, polymer with cellulose 2-hydroxyethyl ether (9CI)  
 OTHER NAMES:  
 CN Celquat H 100  
 CN Celquat L 200  
 CN Celquat LOR  
 CN **Polyquaternium 4**  
 DR 83046-25-7  
 MF (C8 H16 N . C2 H6 O2 . Cl . x Unspecified)x  
 CI PMS  
 PCT Manual component, Polyother, Polyvinyl  
 LC STN Files: BIOSIS, CA, CAPLUS, CHEMLIST, CIN, MSDS-OHS, PROMT, TOXCENTER, USPAT2, USPATFULL  
 Other Sources: DSL\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
  
 CM 1  
  
 CRN 7398-69-8 (48042-45-1)  
 CMF C8 H16 N . Cl



● Cl<sup>-</sup>

CM 2  
  
 CRN 9004-62-0  
 CMF C2 H6 O2 . x Unspecified  
  
 CM 3  
  
 CRN 9004-34-6  
 CMF Unspecified  
 CCI PMS, MAN

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

CM 4  
  
 CRN 107-21-1  
 CMF C2 H6 O2

HO-CH<sub>2</sub>-CH<sub>2</sub>-OH

178 REFERENCES IN FILE CA (1962 TO DATE)

4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
180 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 9004-62-0 REGISTRY

CN Cellulose, 2-hydroxyethyl ether (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2-Hydroxyethyl cellulose

CN 2-Hydroxyethyl cellulose ether

CN 250HR

CN 250LR

CN Admiral 3089FS

CN AH 15

CN AL 15

CN Aqualon HEC

CN AW 15

CN AW 15 (polysaccharide)

CN AX 15

CN BL 15

CN BL 15 (cellulose derivative)

CN Cellobond 25T

CN Cellobond 45000A

CN Cellobond HEC 15A

CN Cellobond HEC 400

CN Cellobond HEC 5000

CN Cellosize

CN Cellosize 4400H16

CN Cellosize DP 40

CN **Cellosize HEC 4400**

CN **Cellosize HEC-QP 09L**

CN **Cellosize HEC-QP 15000H**

CN **Cellosize HEC-QP 30000H**

CN **Cellosize HEC-QP 4400H**

CN **Cellosize HEC-QP 52000H**

CN Cellosize OP 09

CN Cellosize QP

CN Cellosize QP 09H

CN Cellosize QP 10000

CN Cellosize QP 100M

CN Cellosize QP 100MH

CN Cellosize QP 1500

CN Cellosize QP 15000

CN Cellosize QP 15000H

CN Cellosize QP 15MH

CN Cellosize QP 3

CN Cellosize QP 300

CN Cellosize QP 30000

CN Cellosize QP 300H

CN Cellosize QP 3L

CN Cellosize QP 40

CN Cellosize QP 40L

CN Cellosize QP 4400

CN Cellosize QP 4400H

CN Cellosize QP 52000

CN Cellosize QP 52000H

CN Cellosize QP 5200W1930X

CN Cellosize QR 4400H

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

DR 12772-61-1, 9045-96-9, 163648-13-3, 173523-80-3, 97105-13-0, 72146-24-8,  
86168-41-4, 53124-21-3, 53124-22-4, 53149-00-1, 168679-18-3, 189832-76-6

MF C2 H6 O2 . x Unspecified

CI COM

PCT Manual registration, Polyother, Polyother only

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO,

CA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCEM, DDFU, DETHERM\*, DIOGENES, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS\*, TOXCENTER, TULSA, USAN, USPAT2, USPATFULL, VTB

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 9004-34-6

CMF Unspecified

CCI PMS, MAN

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

CM 2

CRN 107-21-1

CMF C2 H6 O2

HO-CH<sub>2</sub>-CH<sub>2</sub>-OH

7305 REFERENCES IN FILE CA (1962 TO DATE)

507 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

7325 REFERENCES IN FILE CAPLUS (1962 TO DATE)